



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Weather Shield Manufacturing, Inc.
One Weather Shield Plaza, P. O. Box 309
Medford, WI 54451-0309

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Legacy" Direct Set Aluminum Clad Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **1072**, titled "Legacy Aluminum Clad Wood Direct Set Impact Window", sheets 1 through 4 of 4, dated 03/15/02, with revision "**D1**" dated 09/17/12, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA# **11-1108.08** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
12/14/12

NOA No. 12-0919.06
Expiration Date: February 13, 2018
Approval Date: December 27, 2012
Page 1

Weather Shield Manufacturing, Inc.


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1072**, titled "Legacy Aluminum Clad Wood Direct Set Impact Window", sheets 1 through 4 of 4, dated 03/15/02, prepared by W.W. Schaefer Engineering & Consulting, P.A., with revision "**D1**" dated 09/17/12, signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of aluminum clad wood direct set window, prepared by Stork Twin City Testing Corporation, Test Report No. **TCTC-180-6891**, dated 12/07/04, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under previous NOA No. 05-0420.03)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed casement window, prepared by Hurricane Test Laboratory, LLC, Test Reports No. **HTL 0037-0111-02**, and **HTL 0037-0203-01**, dated 01/08 and 02/06/01, both signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA No. 02-1018.09)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum clad wood fixed casement window, prepared by Hurricane Test Laboratory, LLC, Test Reports No. **HTL 0037-0412-01**, **HTL 0037-0714-01**, **HTL 0037-0416-01**, **HTL 0037-0418-01** and **HTL 0037-0411-01**, dated 04/12, 04/16, 04/23, 07/17/01 and 04/10/02, all signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA No. 02-1018.09)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0919.06
Expiration Date: February 13, 2018
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Weather Shield Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, dated 03/13/02, 02/07/08 and revised on 09/17/12, complying with FBC-2010, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
(Partly submitted under previous NOA No. 07-1203.11)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

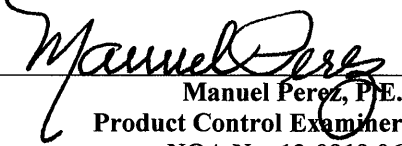
1. Notice of Acceptance No. 11-0624.02 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. 11-1102.11 issued to **Solutia, Inc.** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/14/12, expiring on 05/21/16
3. Notice of Acceptance No. 11-1102.09 issued to **Solutia, Inc.** for their "**Saflex CP – Saflex and Saflex HP Composites Glass Interlayers with PET Core**" dated 06/14/12, expiring on 12/11/13.

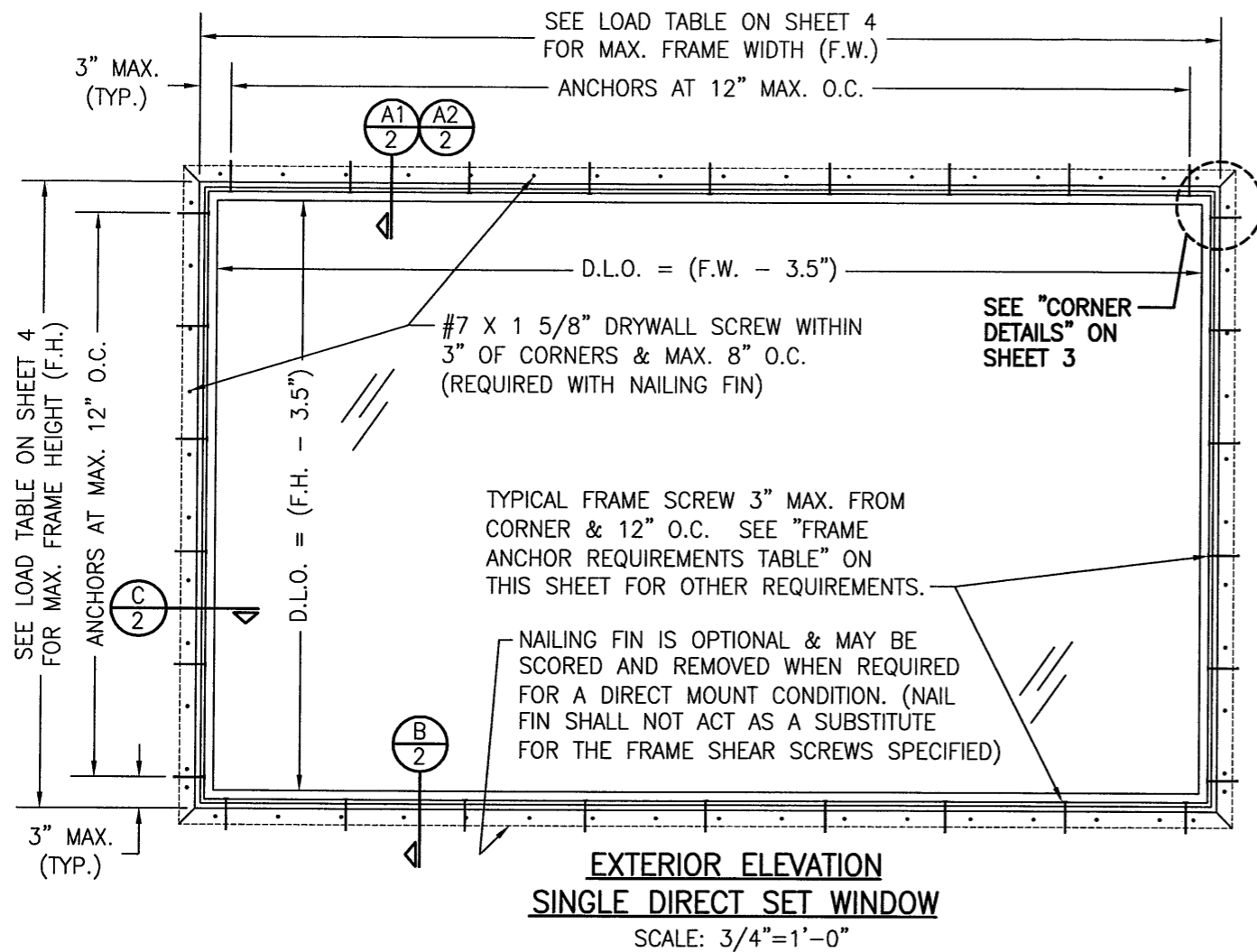
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, dated 09/17/12, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest and independence, dated 09/17/12, signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letters for Test Report No. **TCTC-180-6892**, issued by Stork Twin City Testing Corporation, dated 12/07/04, signed and sealed by Thomas Allan Kolden, P.E.
(Submitted under previous NOA No. 05-0420.03)
4. Laboratory compliance letters for Test Reports No. **HTL 0037-0111-02, HTL 0037-0203-01, HTL 0037-0412-01, HTL 0037-0714-01, HTL 0037-0416-01, HTL 0037-0418-01 and HTL 0037-0411-01**, issued by Hurricane Test Laboratory, LLC, dated 07/05/02, all signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA No. 02-1018.09)

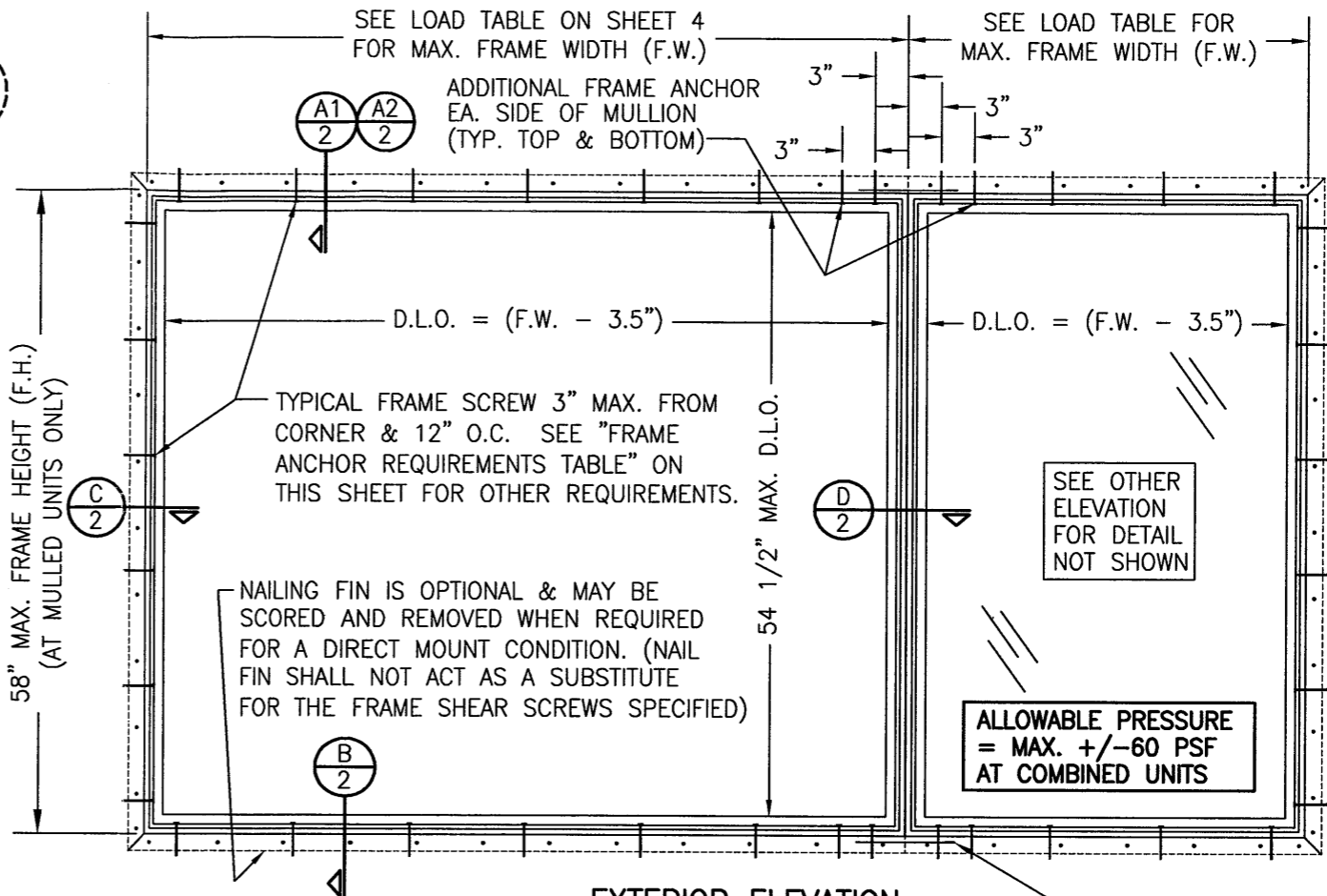
G. OTHERS

1. Notice of Acceptance No. 11-1108.08, issued to Weather Shield Manufacturing, Inc. for their Series "Legacy" Direct Set Aluminum Clad Wood Fixed Window – L.M.I." approved on 01/26/12 and expiring on 02/13/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0919.06
Expiration Date: February 13, 2018
Approval Date: December 27, 2012



**EXTERIOR ELEVATION
SINGLE DIRECT SET WINDOW**
SCALE: 3/4"=1'-0"

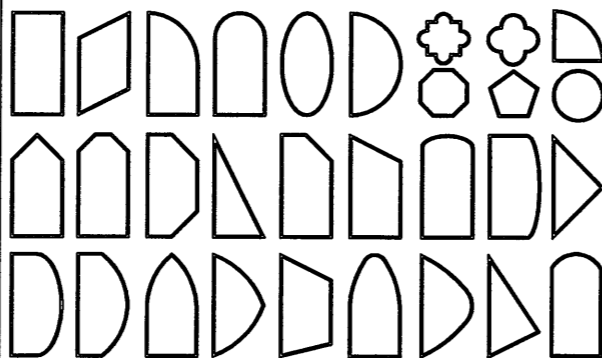


**EXTERIOR ELEVATION
MULTIPLE DIRECT SET WINDOWS**
(MAX. FOUR UNITS MAY BE COMBINED)
SCALE: 3/4"=1'-0"

GENERAL NOTES:

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF WINDOWS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

APPROVED SHAPES



NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION PER CORNER DETAILS.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.
3. SHAPED WINDOWS ARE INSTALLED THE SAME AS THE RECTANGULAR WINDOWS SHOWN IN ELEVATION. SEE SECTIONS & CORNER DETAILS FOR DETAIL SPECIFIC TO SHAPED WINDOWS.

FOR ALLOWABLE DESIGN WIND PRESSURE
ON SINGLE WINDOWS, SEE LOAD TABLE
ON SHEET 4.

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 3/8"	1"
MIN. C-90 CMU OR 2500 PSI CONCRETE	3/16" CONCR. SCREW	1 1/4"	2"

CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 03/15/02
DATE 11/02/11	DATE 02/07/08
BY W.R.M.	BY W.W.S.
REVISION DESCRIPTION	REVISION DESCRIPTION
A1 APPROVE NEW CURRENT STANDARDS	A1 UPDATE LOAD TABLES TO ASTM
A2 UPDATE LOAD TABLES TO ASTM	B1 UPDATE GENERAL NOTES
C1 UPDATE TO CURRENT STANDARDS	C1 UPDATE TO CURRENT STANDARDS
D1 UPDATE GLASS INNER LAYERS	D1 UPDATE GLASS INNER LAYERS

DRAWING TITLE
LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW

MANUFACTURER
WEATHER SHIELD WINDOWS & DOORS

ONE WEATHER SHIELD PLAZA
MEDFORD, WI 54451

715-748-6555

CONSULTANTS
**W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)**

7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

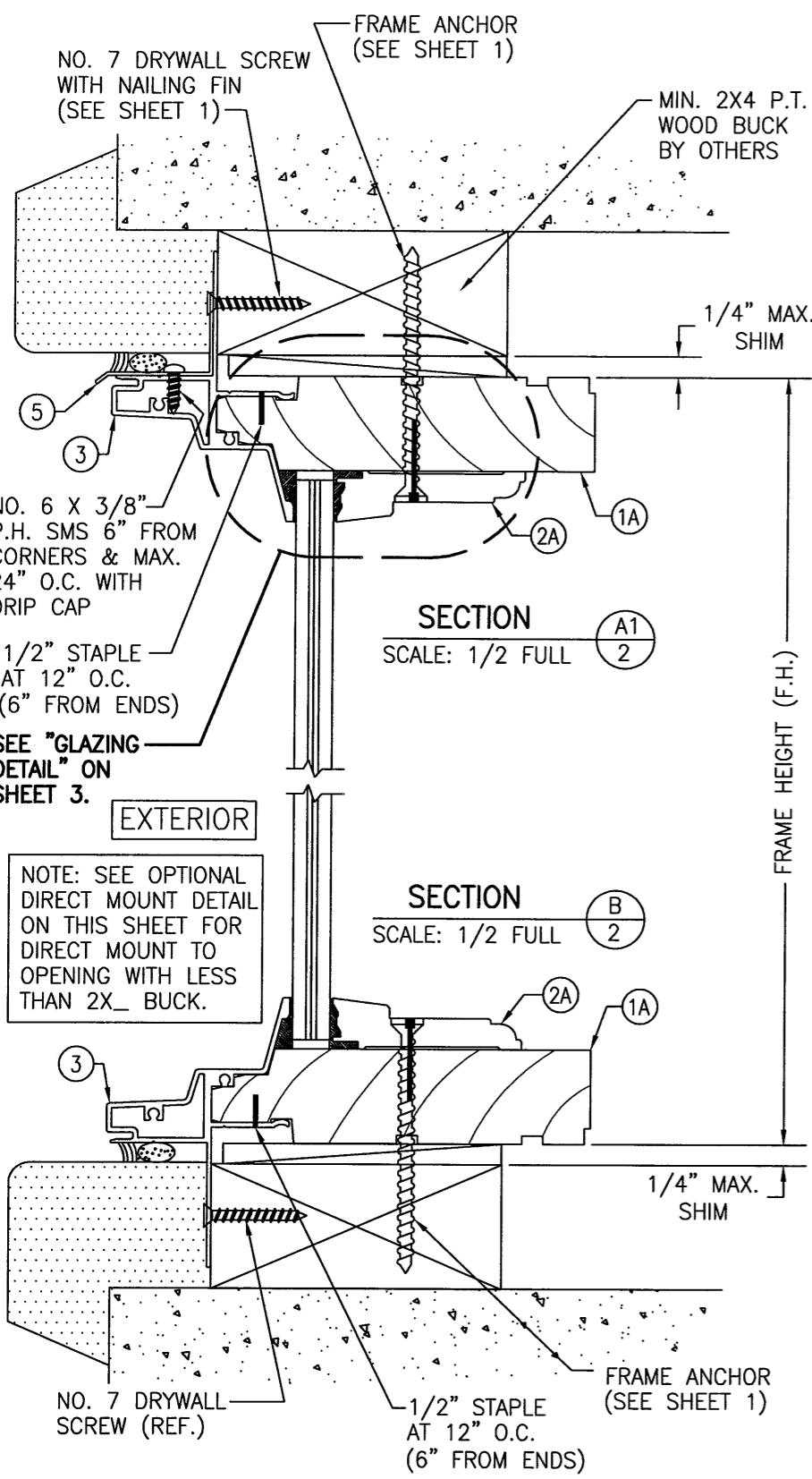
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0919.06
Expiration Date Feb 13, 2018
By *Manuel Perez*
Miami Made Product Control



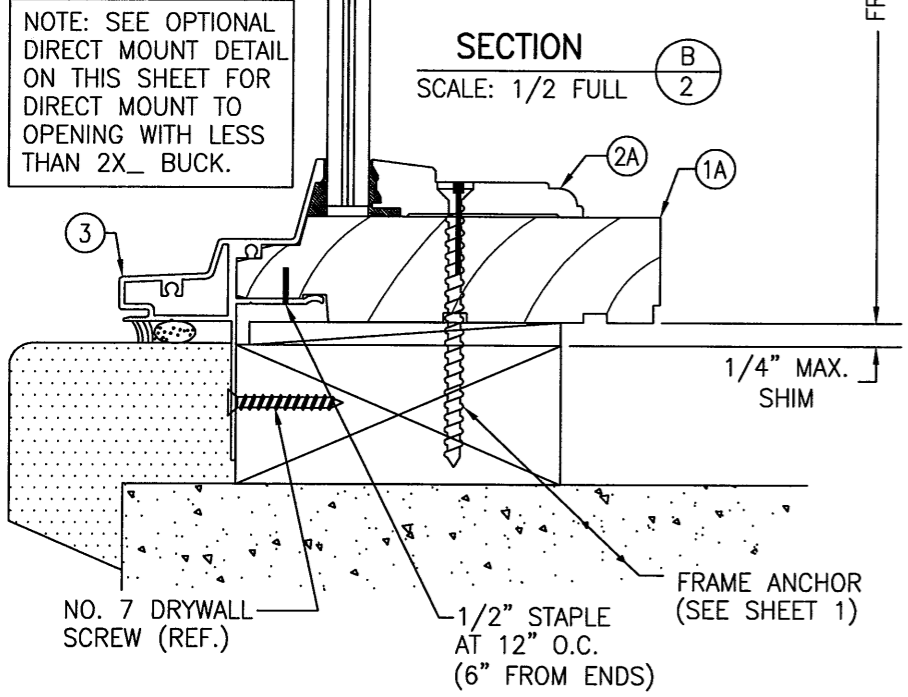
CERTIFICATION

SEP 17 2012

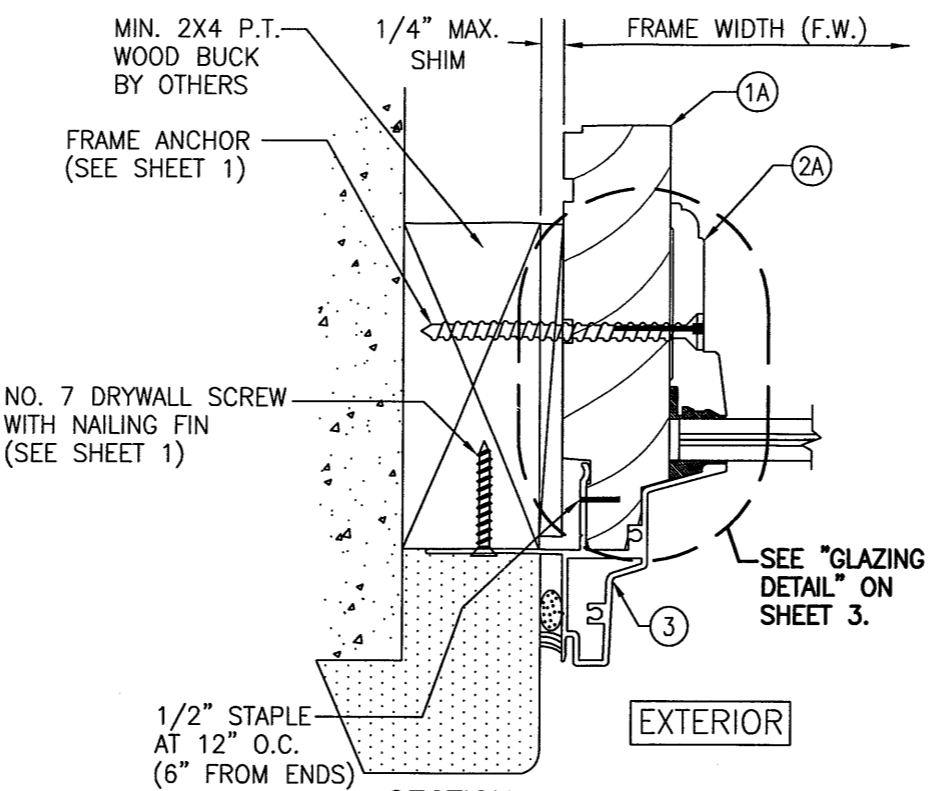
DRAWING NO. 1072	REV. D
SHEET NO. 1	OF 4



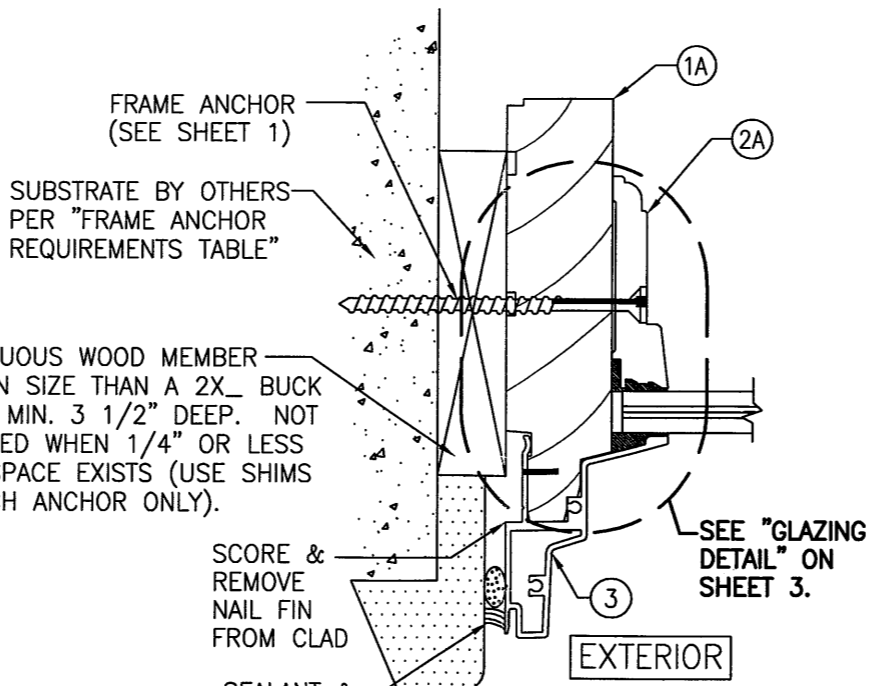
SECTION A1
SCALE: 1/2 FULL



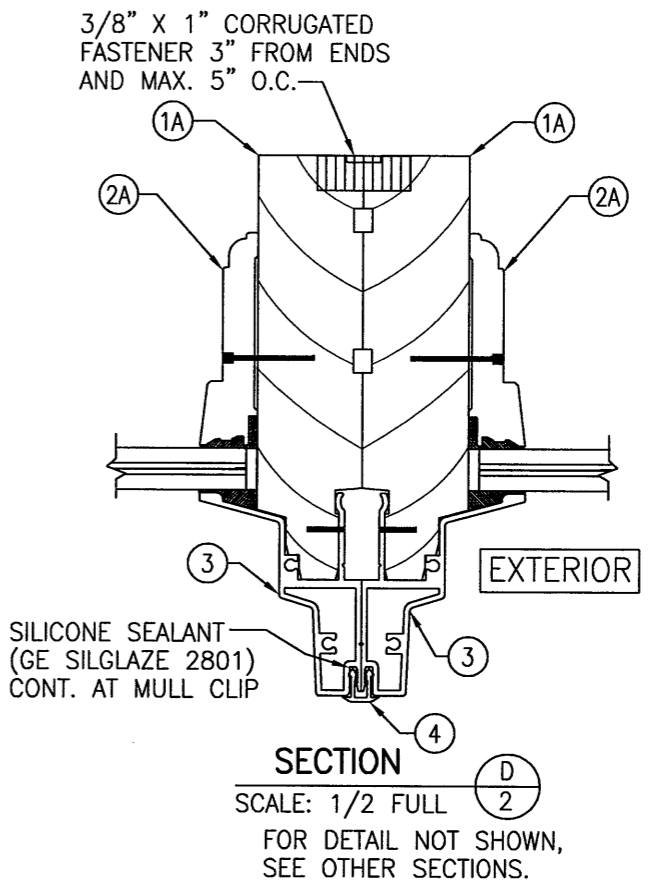
SECTION B
SCALE: 1/2 FULL



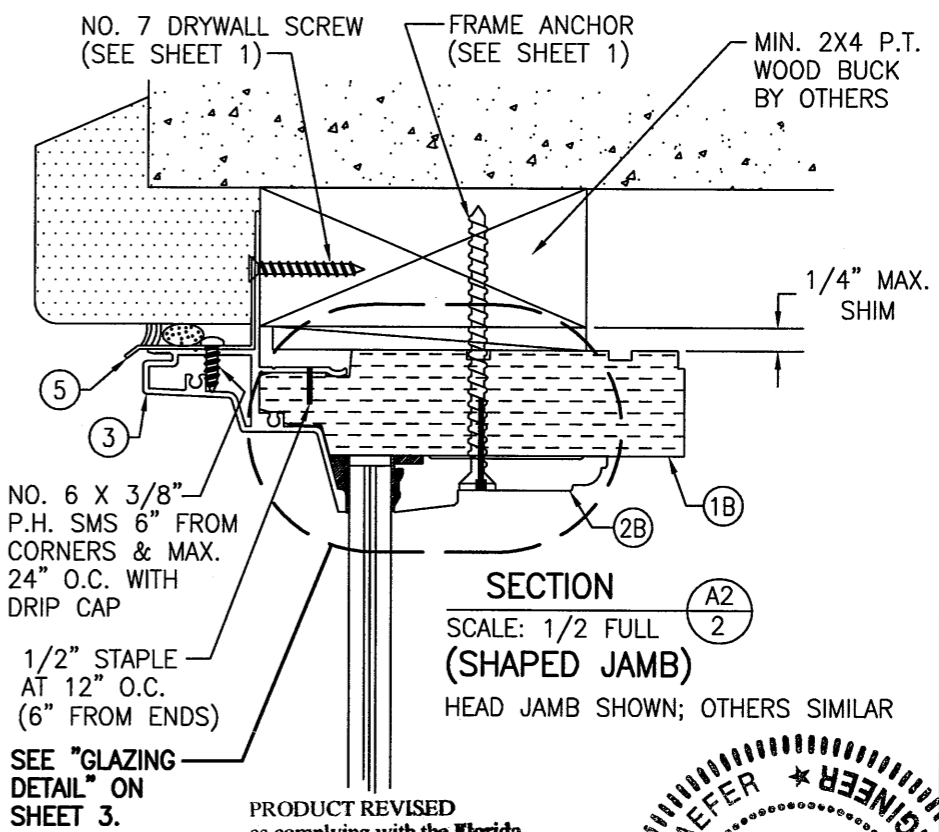
SECTION C
SCALE: 1/2 FULL



OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.



SECTION D
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.

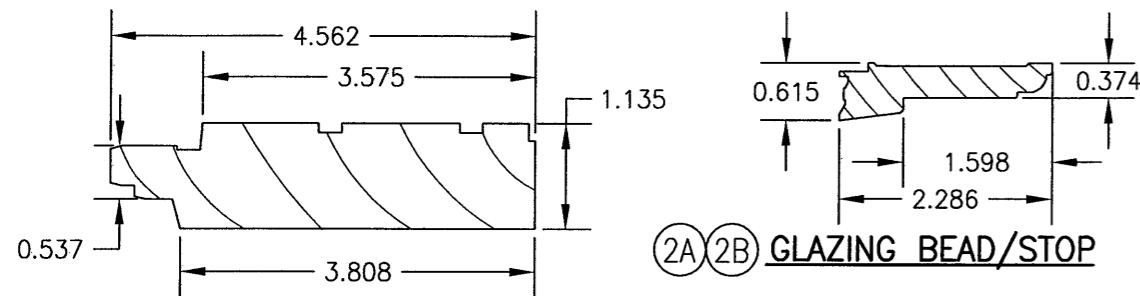


SECTION A2
SCALE: 1/2 FULL
(SHAPED JAMB)
HEAD JAMB SHOWN; OTHERS SIMILAR

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 12-0919.06
Expiration Date Feb. 13, 2018
By *Manuel Cruz*
Miami Dade Product Control

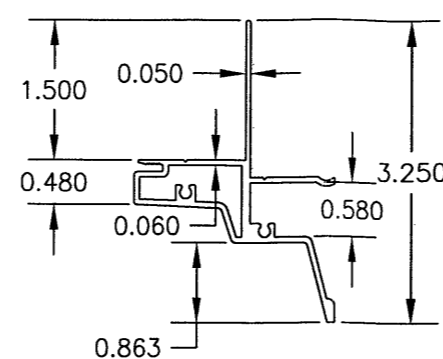


DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 03/15/02
DATE	BY
REVISION DESCRIPTION	NO.
LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW	
MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION SEP 17 2012	DRAWING NO. 1072 SHEET NO. 2 OF 4
By <i>Warren W. Schaefer</i> P.E. NO. 44135	REV. D

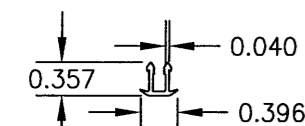


(1A) (1B) HEAD, SILL & SIDE JAMB

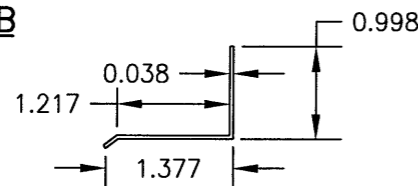
(2A) (2B) GLAZING BEAD/STOP



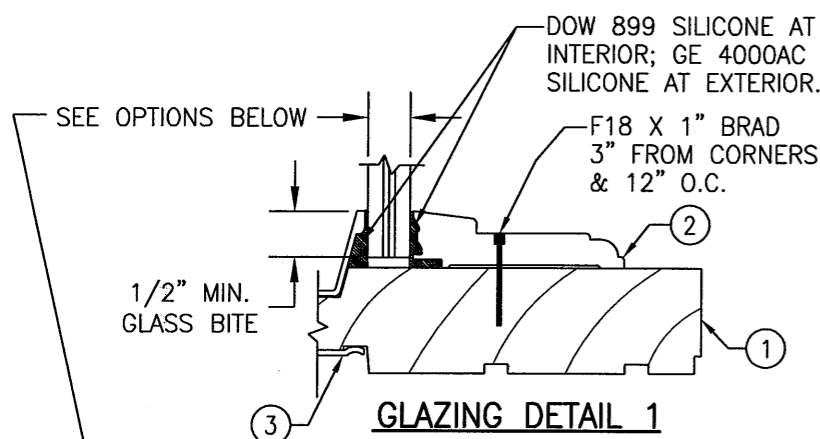
(3) JAMB CLAD (LEGACY)



(4) MULLION CLIP



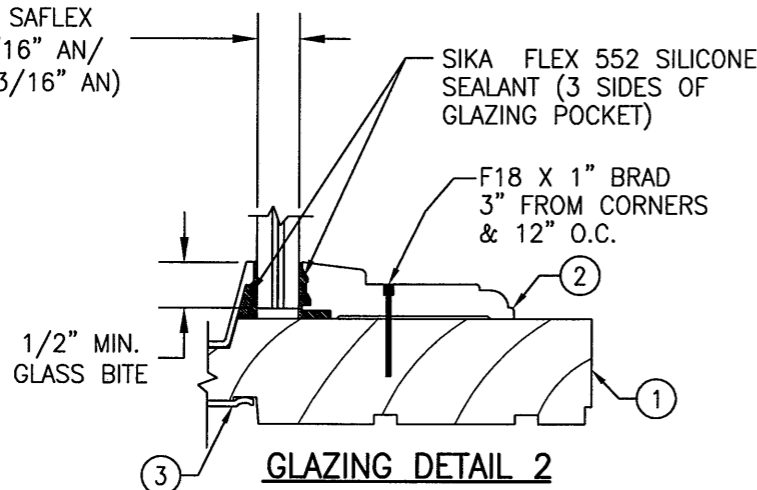
(5) DRIP CAP



GLAZING DETAIL 1

OPTION 1) 9/16" DUPONT SG LAMINATED GLASS (1/4" H.S./0.090" DUPONT SG/1/4" H.S.)
 OPTION 2) 9/16" SOLUTIA SAFLEX HP LAMINATED GLASS (1/4" H.S./0.10 SAFLEX HP/ 1/4" H.S.)

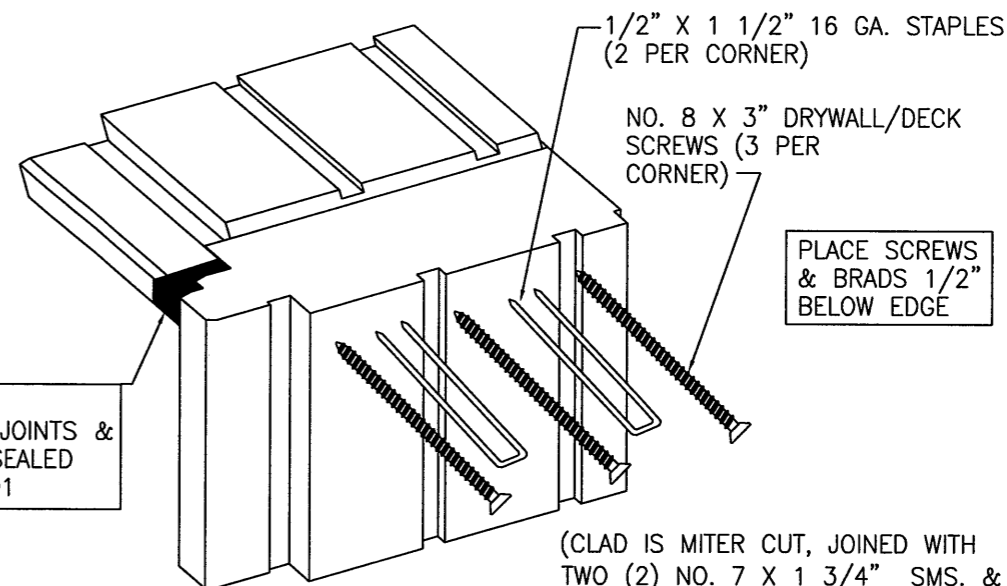
GLAZING OPTION 3:
 7/16" THK. SOLUTIA SAFLEX
 LAMINATED GLASS (3/16" AN/
 0.09 SOLUTIA SAFLEX/3/16" AN)



GLAZING DETAIL 2

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1A	W-4000X	4	HEAD, SILL & SIDE JAMB	* WOOD	WEATHER SHIELD
1B	W-4000X	4	HEAD, SILL & SIDE JAMB	* LVL	WEATHER SHIELD
2A	W-4001X	4	GLAZING BEAD/STOP	* WOOD	WEATHER SHIELD
2B	W-4001X	4	GLAZING BEAD/STOP	* LVL	WEATHER SHIELD
3	A-4508X	4	JAMB CLAD (LEGACY)	6063-T5 ALUMINUM	WEATHER SHIELD
4	A-1609X	1	LEGACY MULL CAP	6063-T5 ALUMINUM	WEATHER SHIELD
5	A-2581X	1	DRIP CAP (OPTIONAL)	6063-T5 ALUMINUM	WEATHER SHIELD

* WOOD USED IN TESTING WAS WESTERN PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY WEATHER SHIELD TO SELECT.



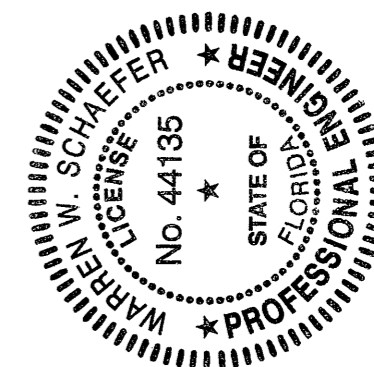
SEALANT:
 ALL FRAME CORNERS, JOINTS &
 EXTERIOR MULL CLIP SEALED
 WITH GE SILGLAZE 2801

(CLAD IS MITER CUT, JOINED WITH
 TWO (2) NO. 7 X 1 3/4" SMS. &
 SEALED WITH A PSA1 CLOSED CELL
 FOAM CORNER GASKET)

FRAME CORNER DETAIL

RECTANGULAR WINDOW CORNER SHOWN. SHAPED TO STRAIGHT JAMB CORNER IS THE SAME. EXTENDED LEG JAMBS ARE CONTINUOUS AND HAVE NO SEAM AT THE SPRINGLINE EXCEPT FOR A SPLICE IN THE GLAZING STOP.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0919-06
 Expiration Date Feb 13, 2018
 By *Manuel Perez*
 Miami Trade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/15/02	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW MANUFACTURER: WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION SEP 17 2012 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1072 SHEET NO. 3 OF 4	

9/16" LAMINATED HEAT STRENGTHENED GLASS (GLAZING DETAIL 1 & GLAZING OPTION 1 & 2)																									
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																								
	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	
	30"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
	36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
	42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0
	48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0		
	54"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0				
	60"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0								
	66"			55.0	68.8	55.0	68.8	55.0	68.8	55.0	68.8	55.0	68.8												
	72"					50.4	63.0	50.4	63.0																
(1) LONG DIMENSION	60"		66"		72"		78"		84"		90"		96"		99"		102"		108'		120"		132		

7/16" SOLUTIA SAFLEX LAMINATED ANNEALED GLASS (GLAZING DETAIL 2 & GLAZING OPTION 3)																												
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (PSF)																											
	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG	POS.	NEG		
24"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0		
30"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0				
36"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0										
42"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0																
48"	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0																		
54"	60.0	75.0	60.0	75.0	60.0	75.0																						
60"			60.0	75.0																								
(1) LONG DIMENSION	54"		60"		66"		72"		77"		84"		90"		96"		99"		102"		108"		120"		132"			

TABLE NOTES:
(1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/-1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS
(2) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0919.06
Expiration Date Feb. 13, 2018
By *Mmanuel*
Miami Trade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/15/02	
DATE	BY	REVISION DESCRIPTION	NO.
LEGACY ALUMINUM CLAD WOOD DIRECT SET IMPACT WINDOW		MANUFACTURER WEATHER SHIELD WINDOWS & DOORS ONE WEATHER SHIELD PLAZA MEDFORD, WI 54451 715-748-6555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		CERTIFICATION SEP 17 2012 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1072		REV. D	
SHEET NO. 4		OF 4	